

AMENDMENTS TO THE CLAIMS

1-63. (Cancelled)

64. (Currently Amended) A drug mixing system comprising:

at least one receptacle port adaptor adapted to be inserted into a port of a fluid receptacle;

at least one vial adaptor adapted for connection to a vial containing a drug; and

at least one syringe adaptor adapted to be attached to a syringe and to at least one of said at least one receptacle port adaptor and said at least one vial adaptor,
said at least one syringe adaptor comprising:

a septa housing;

at least two septa enclosed in said septa housing, said at least two septa defining a space therebetween; and

a needle, including a tip located in said space when said syringe adaptor is not connected to said at least one of said at least one receptacle port adaptor and said at least one vial adaptor.

~~said system being characterized in that at least one of said at least one receptacle port adaptor, said at least one syringe adaptor and said at least one vial adaptor being vented to the atmosphere in a manner which prevents release to the atmosphere of possibly harmful contents of said vial.~~

65-66. (Cancelled)

67. (Previously Presented) A drug mixing system according to claim 64 and also comprising a membrane vent operative to vent at least one of said at least one receptacle port adaptor, said at least one syringe adaptor and said at least one vial adaptor to the atmosphere.

68. (Previously Presented) A drug mixing system according to claim 67 and wherein said membrane vent includes an adsorbent.

69. (Previously Presented) A drug mixing system according to claim 68 and wherein said adsorbent is a carbon cloth.

70. (Previously Presented) A drug mixing system according to claim 67 and wherein said membrane vent comprises a hydrophobic membrane.

71. (Previously Presented) A drug mixing system according to claim 64 and wherein said receptacle port adaptor, said syringe adaptor and said vial adaptor are integrally formed.

72. (Previously Presented) A drug mixing system according to claim 64 and wherein said at least one vial adaptor also comprises a protective vial housing operative to prevent the spread of possibly harmful contents of said vial in the event of breakage of said vial.

73. (Previously Presented) A drug mixing system according to claim 64 and wherein said fluid receptacle includes a spike port and said at least one receptacle port adaptor includes a spike port adaptor.

74. (Previously Presented) A drug mixing system according to claim 64 and wherein said fluid receptacle includes a needle port and said at least one receptacle port adaptor includes a needle port adaptor.

75. (Previously Presented) A drug mixing system according to claim 74 and wherein said needle port adaptor includes a locking mechanism, operative to lock said needle port adaptor to said needle port.

76. (Currently Amended) A drug mixing system according to claim 74 and wherein said needle port adaptor includes a needle, said needle of said needle port adaptor being protected by a needle protector.

77. (Currently Amended) A drug mixing system according to claim 76, wherein said

needle of said needle port adaptor is movable between a protected resting position and an active piercing position upon connection of said needle port adaptor to said needle port.

78. (Previously Presented) A drug mixing system according to claim 76 and wherein said needle protector comprises a latex needle cover.

79. (Previously Presented) A drug mixing system according to claim 64 and also comprising a vial head adaptor adapted for connection between said vial adaptor and said vial.

80. (Previously Presented) A drug mixing system according to claim 64 and wherein said at least one receptacle port adaptor and said fluid receptacle are adapted to be connected to an intravenous cannula on a patient via an intravenous infusion set.

81. (Previously Presented) A drug mixing system according to claim 64 and wherein said at least one syringe adaptor and said syringe are adapted to be connected to an intravenous cannula on a patient via an intravenous infusion set using an infusion set adaptor.

82. (Previously Presented) A drug mixing system according to claim 64 and wherein said at least one syringe adaptor is covered by a syringe adaptor cover element.

83-130. (Cancelled)

131. (New) A drug mixing system according to claim 64 and wherein said septa housing is movable relative to said needle, thereby to expose said tip.

132. (New) A drug mixing system according to claim 64 and also comprising a spring associated with said septa housing and wherein said septa housing is biased by said spring to a protective position in which said needle tip is protected.

133. (New) A drug mixing system according to claim 64 and wherein at least a portion of said needle is protected by a needle protector.